CLAIMS

1. A method of operating a fuel reforming system, the method comprising the steps of:

operating a turbocharger so as to produce pressurized air, and advancing the pressurized air through a fuel reformer.

2. The method of claim 1, further comprising the step of advancing a reformate gas produced by the fuel reformer to an intake of an internal combustion engine with the pressurized air.

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3. The method of claim 2, wherein:

the reformate gas comprises a hydrogen-rich gas, and
the reformate gas advancing step comprises advancing the hydrogenrich gas to the intake of the engine with the pressurized air.

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- 4. The method of claim 1, further comprising the step of advancing a reformate gas produced by the fuel reformer to an emission abatement device with the pressurized air.
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5. The method of claim 4, wherein:

the reformate gas comprises a hydrogen-rich gas, and
the reformate gas advancing step comprises advancing the hydrogenrich gas to the emission abatement device with the pressurized air.

6. The method of claim 1, wherein:
the turbocharger has a turbine assembly, and
the operating step comprises driving the turbine assembly with exhaust

gases from an internal combustion engine.

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device.

outlet.

and

7. The method of claim 1, wherein:

the fuel reformer comprises a plasma fuel reformer having an air inlet,

the advancing step comprises advancing the pressurized air through the
air inlet of the plasma fuel reformer.

- 8. A fuel reforming system, comprising:
 a turbocharger having a pressurized air outlet, and
 a fuel reformer having an air inlet fluidly coupled to the pressurized air
- 9. The system of claim 8, wherein:
 the fuel reformer has a reformate gas outlet, and
 the reformate gas outlet is fluidly coupled to an intake of an internal
 combustion engine.
 - 10. The system of claim 8, wherein:
 the fuel reformer has a reformate gas outlet, and
 the reformate gas outlet is fluidly coupled to an emission abatement

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11.	The system	of claim	8,	wherein:
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the turbocharger comprises a turbine assembly having a turbine gas inlet, and

the turbine gas inlet is fluidly coupled to an exhaust manifold of an internal combustion engine.

- 12. The system of claim 8, wherein the fuel reformer comprises a plasma fuel reformer.
- 10 13. A method of operating a power system, the method comprising the steps of:

operating a turbocharger so as to produce pressurized air, and advancing a reformate gas from a fuel reformer to a component with the pressurized air.

- 14. The method of claim 13, wherein the advancing step comprises advancing the reformate gas from the fuel reformer to an intake of an internal combustion engine with the pressurized air.
- 20 15. The method of claim 13, wherein the advancing step comprises advancing the reformate gas from the fuel reformer to an emission abatement device with the pressurized air.
 - 16. The method of claim 13, wherein:
- the turbocharger has a turbine assembly, and
 the operating step comprises driving the turbine assembly with exhaust
 gases from an internal combustion engine.

17. The method of claim 13, wherein:

the reformate gas comprises a hydrogen-rich gas, and
the advancing step comprises advancing the hydrogen-rich gas to the
component with the pressurized air.